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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER

YODER III, CHRISS S

ART UNIT

PAPER NUMBER

2622

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PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/015,458	Applicant(s) ORTIZ ET AL.	
	Examiner CHRISS S. YODER III	Art Unit 2622	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 18 December 2009.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 127-175 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 127-175 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 13 December 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on December 18, 2009 has been entered.

Response to Arguments

Applicant's arguments with respect to claims 127-175 have been considered but are moot in view of the new ground(s) of rejection. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

1. **Claims 127-137 are rejected under 35 U.S.C. 103(a) as being unpatentable over Verna (US Patent 6,681,398), in view of Applicant's Admitted Prior Art (AAPA), and further in view of Leermakers (US Pub. 2003/0105845).**

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2. In regard to **claim 127**, note Verna discloses the use of a method for transmitting within an entertainment venue from at least one of a plurality of in-play cameras at least one of a plurality of venue-based in-play camera views (column 4, lines 1-42, column 7, lines 22-49, and column 8, lines 30-32; transmitter 134 transmits image data from plural cameras around the sporting event) for display with at least one of a plurality of authorized hand held devices (column 17, lines 5-10, column 21, line 46 - column 22, line 20, and figure 1: 220; the image data is transmitted to plural authorized hand held devices 220), said method comprising the steps of a transmitter transmitting the at least one in-play camera view from at least one of a plurality of in-play camera locations associated with each at least one in-play camera within said entertainment venue over a communications network (column 4, lines 1-42, column 7, lines 22-49, and column 8, lines 30-32; transmitter 134 transmits image data from plural cameras around the sporting event) for viewing by at least one handheld device authorized to receive and process said at least one in-play camera view (column 17, lines 5-10, column 21, line 46 - column 22, line 20, and figure 1: 220; the image data is transmitted to plural authorized hand held devices 220), processing said at least one in-play camera view for display on at least one of a plurality of displays associated with said at least one hand held device (column 16, lines 16-25), enabling said at least one display, to display said at least one in-play camera view on said at least one said hand held device (column 16, lines 59-65), a media content (column 9, line 62 – column 10, line 7, and column 11, 18-32; the media content is considered to include the image data and auxiliary data) comprising of at least one in-play camera view (column 12, lines 63-67), venue activity statistics

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(column 4, lines 53-61), venue activity interactive menu (column 16, lines 34-50, and column 17, lines 34-48; an interactive menu is sent in order for the user to select desired data), audio feeds (column 16, lines 34-50, and column 17, lines 34-48), event scheduling information (column 4, lines 53-61; the data is considered to include team/event or other information, which can include information about upcoming events that are scheduled), and encryption (column 10, lines 52-65), and said transmitter is responsible to upload said media content to said communications network to distribute to the at least one handheld device (column 11, lines 18-32, and column 12, lines 63-67), wherein said at least one handheld device comprises includes onboard hardware explicitly responsible to parse and manipulate said media content for displaying on said at least one display in said venue (column 14, lines 24-42, column 16, lines 59-65, and column 17, line 18 – column 18, line 63).

Although, Verna discloses that the transmission can be performed using any known transmission means (column 11, lines 55-63), and that the handheld devices can be a known electronic device (column 13, lines 48-67), it can be seen that Verna fails to explicitly disclose that the transmission is done over a cellular telecommunications network, that the at least one handheld device includes at least one of a plurality of video- and data-enabled cellular telephones and PDA capabilities.

Applicant discloses in the specification that the use a cellular communication network for data transmission is well known in the art (page 64, lines 14-20). And since Verna discloses that the transmitter can use any known transmission means (column 11, lines 55-63), it would therefore be obvious to one of ordinary skill in the art to use a

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cellular communication network for data transmission, since it is a known transmission means.

And in analogous art, Leermakers discloses the use of a handheld device that includes video- and data-enabled cellular telephones and PDA capabilities (paragraph 0032). Leermakers teaches that the use of handheld device that includes video- and data-enabled cellular telephones and PDA capabilities is preferred in order to provide a personal multimedia appliance that has fully integrated multimedia processing capabilities, that is compact and inexpensive, and has the capability to run, in real-time, a broad spectrum of different software applications (paragraphs 0006-0009). Therefore, it would have been obvious to one of ordinary skill in the art to modify the primary reference of Verna to include the use of a handheld device that includes video- and data-enabled cellular telephones and PDA capabilities in order to provide a personal multimedia appliance that has fully integrated multimedia processing capabilities, that is compact and inexpensive, and has the capability to run, in real-time, a broad spectrum of different software applications, as suggested by Leermakers.

3. In regard to **claim 128**, note Verna discloses recording a particular in-play camera view of said at least one in-play camera view transmitted from at least one in-play camera in response to user input at the at least one hand held device (column 15, lines 24-65, and column 19, lines 7-31; the user selects which camera views are to be transmitted to the handheld device, and when they are received, they are sent to storage).

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4. In regard to **claim 129**, note Verna discloses storing a particular in-play camera view of at least one in-play camera transmitted from said at least one in-play camera in response to user input at the at least one hand held device (column 15, lines 24-65, and column 19, lines 7-31; the user selects which camera views are to be transmitted to the handheld device, and when they are received, they are sent to storage).

5. In regard to **claim 130**, note Verna discloses that the step of recording said particular in-play camera view transmitted from said at least one in-play camera further comprises the step of storing said particular in-play camera view within a memory in said at least one hand held device (column 15, lines 24-65, and column 19, lines 7-31; the user selects which camera views are to be transmitted to the handheld device, and when they are received, they are sent to storage unit 212).

6. In regard to **claim 131**, note Verna discloses that said particular in-play camera view comprises an instant replay (column 7, lines 41-46).

7. In regard to **claim 132**, note Verna discloses that said at least one in-play camera is used to capture video of a sporting event (column 4, lines 36-52 and column 5, lines 40-56; the system is operated in a sporting facility, which is considered to include a racetrack). Therefore, it can be seen that the primary reference of Verna in view of AAPA and Leermakers fails to explicitly disclose that said at least one in-play camera location comprises a placement within a race car competing within the racing venue. Official Notice is taken that the concepts and advantages of placing a camera within a race car competing within a racing venue are notoriously well known and expected in the art. Therefore, it would have been obvious to one of ordinary skill in the

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art to place the camera within a race car competing within the racing venue in order to allow the fans to become more involved during the race.

8. In regard to **claim 133**, note Verna discloses that said venue comprises a sports stadium (column 4, lines 36-52 and column 5, lines 40-56; the system is operated in a sports stadium).

9. In regard to **claim 134**, note Verna discloses the use of a method of providing video entertainment comprising the steps of capturing at least one of a plurality of in-play camera views from at least one of a plurality of in-play cameras located within a sporting venue (column 4, lines 1-42; each of the different cameras capture a different camera angle within the sporting event, Verna also discloses that the location can include sporting/entertainment events, and be any location known to persons of skill in the art, therefore, this is considered to include the use of a car racing venue as the location) for viewing by at least one of a plurality of handheld devices including at least one of a plurality of video- and data-enabled hand held devices physically located within the venue and authorized to receive and process said at least one in-play camera view (column 17, lines 5-10, column 21, line 46 - column 22, line 20, and figure 1: 220; the image data is transmitted to plural authorized hand held devices 220), processing said at least one in-play camera view for transport on a communication network to display on at least one of a plurality of displays associated with said at least one hand held device (column 11, lines 19-67; the data is processed for wireless communication in order to transmit the data to the hand held devices), a transmitter/receiver to transmit said at least one in-play camera view to said at least one handheld device physically located

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within the sporting venue (column 12, lines 63-67), wherein said at least one handheld device requiring authorization through decryption to receive and process said at least one in-play camera view (column 12, lines 63-67, and column 21, line 46 - column 22, line 20; each of the signals is encrypted for transmission, and then decrypted by the hand held device), displaying said at least one in-play camera view on said at least one display associated with said at least one hand held device physically located within said sporting venue and authorized to receive, process and display said at least one in-play camera view (column 16, lines 59-65), a media content (column 9, line 62 – column 10, line 7, and column 11, 18-32; the media content is considered to include the image data and auxiliary data) comprising of at least one in-play camera view (column 12, lines 63-67), venue activity statistics (column 4, lines 53-61), venue activity interactive menu (column 16, lines 34-50, and column 17, lines 34-48; an interactive menu is sent in order for the user to select desired data), audio feeds (column 16, lines 34-50, and column 17, lines 34-48), event scheduling information (column 4, lines 53-61; the data is considered to include team/event or other information, which can include information about upcoming events that are scheduled), and encryption (column 10, lines 52-65), and said transmitter/receiver is responsible to upload said media content to said communications network to distribute to the at least one handheld device (column 11, lines 18-32, and column 12, lines 63-67), wherein said at least one handheld device comprises includes onboard hardware explicitly responsible to parse and manipulate said media content for displaying on said at least one display in said venue (column 14, lines 24-42, column 16, lines 59-65, and column 17, line 18 – column 18, line 63).

Although, Verna discloses that the transmission can be performed using any known transmission means (column 11, lines 55-63), and that the handheld devices can be a known electronic device (column 13, lines 48-67), it can be seen that Verna fails to explicitly disclose that the at least one handheld device includes at least one of a plurality of video- and data-enabled cellular telephones and PDA capabilities, that the communication network is a cellular telecommunications network, that the transmitter/receiver is compatible with said cellular telecommunications network and IEEE 802.11 frequencies transmission, and wherein the transmission and uploading are done over said cellular telecommunications network.

Applicant discloses in the specification that the use of a cellular communication network and IEEE 802.11 frequencies for data transmission are well known in the art (page 64, lines 14-20). And since Verna discloses that the transmitter can use any known transmission means (column 11, lines 55-63), it would therefore be obvious to one of ordinary skill in the art to include the use of a transmitter/receiver that is compatible with, and use, a cellular communication network and/or IEEE 802.11 frequency transmission for data transmission and uploading, since it is a known transmission means.

And in analogous art, Leermakers discloses the use of a handheld device that includes video- and data-enabled cellular telephones and PDA capabilities (paragraph 0032). Leermakers teaches that the use of handheld device that includes video- and data-enabled cellular telephones and PDA capabilities is preferred in order to provide a personal multimedia appliance that has fully integrated multimedia processing

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capabilities, that is compact and inexpensive, and has the capability to run, in real-time, a broad spectrum of different software applications (paragraphs 0006-0009). Therefore, it would have been obvious to one of ordinary skill in the art to modify the primary reference of Verna to include the use of a handheld device that includes video- and data-enabled cellular telephones and PDA capabilities in order to provide a personal multimedia appliance that has fully integrated multimedia processing capabilities, that is compact and inexpensive, and has the capability to run, in real-time, a broad spectrum of different software applications, as suggested by Leermakers.

10. In regard to **claim 135**, note Verna discloses recording a particular in-play camera view of the at least one in-play camera view captured by said at least one in-play camera within a said at least one hand held device physically located within said racing venue and authorized to receive, process and display the at least one in-play camera view captured at the racing venue, in response to a user input at said at least one hand held device (column 15, lines 24-65, and column 19, lines 7-31; the user selects which camera views are to be transmitted to the handheld device, and when they are received, they are sent to storage unit 212).

11. In regard to **claim 136**, note Verna discloses storing a particular in-play camera view of said at least one in-play camera view captured by said at least one in-play camera by said at least one hand held device physically located within said racing venue and authorized to receive, process and display said at least one in-play camera view captured at the racing venue, in response to a user input at said at least one. hand held device (column 15, lines 24-65, and column 19, lines 7-31; the user selects which

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camera views are to be transmitted to the handheld device, and when they are received, they are sent to storage unit 212).

12. In regard to **claim 137**, note Verna discloses storing said particular in-play camera view transmitted from said at least one in-play camera further comprises the step of storing said particular in-play camera view within a memory in said at least one hand held device (column 15, lines 24-65, and column 19, lines 7-31; the user selects which camera views are to be transmitted to the handheld device, and when they are received, they are sent to storage unit 212).

13. **Claims 138-175 are rejected under 35 U.S.C. 103(a) as being unpatentable over Monroe (US Patent 6,970,183) in view of Verna (US Patent 6,681,398).**

14. In regard to **claim 138**, note Monroe discloses the use of a method for transmitting in a venue from at least one of a plurality of venue based in-play cameras, at least one of a plurality of venue-based in-play camera views over a cellular telecommunications network for display on at least one of a plurality of hand held devices authorized to receive the at least one in-play camera view (column 15, lines 17-65, and figure 9: 20 and 44; plural cameras capture video to be transmitted to displayed on hand held devices 44), said method comprising the steps of transmitter/receiver transmitting at least one in-play camera view captured from at least one of a plurality of in-play camera locations within said venue to enterprise equipment located at the venue (column 17, lines 48-67, and column 20, lines 3-37, and figure 9: 460 and 464; the captured image data is transmitted to the server 460 using transmitter receiver 464),

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processing said at least one in-play camera view at said enterprise equipment for secure transmission to the at least one hand held device including at least one of a plurality of video- and data-enabled cellular telephones and PDA capabilities, 802.11 wireless capabilities and authorized with at least one security code to receive and display video on at least one of a plurality of a displays associated with said at least one hand held device (column 17, line 1 - column 18, line 11, and column 18, lines 32-62; each of the authorized handheld devices is considered to include a PDA having video- and data-enabled cellular telephone and 802.11 wireless capabilities), securely transmitting through said transmitter/receiver at least one of a plurality of processed in-play camera views of the at least one in-play camera view over 802.11 radio frequency transmissions and said cellular telecommunications network to said at least one hand held device comprising said at least one cellular telephone (column 17, lines 1-11, and column 18, lines 32-62; the transmitter/receiver is considered to transmit the image data to the handheld devices 44 either over a wireless LAN or WAN), said transmitter/receiver uploading media content to said cellular telecommunications network to distribute to the at least one handheld device, wherein said at least one handheld device comprises said at least one cellular telephone with onboard hardware explicitly responsible to parse and manipulate said media content for displaying on said at least one display (column 18, lines 32-62, and column 23, lines 23-67). Therefore, it can be seen that Monroe fails to explicitly disclose that the content is a media content comprising of at least one in-play camera view, venue activity statistics, venue activity interactive menu, audio feeds, event scheduling information, and encryption.

In analogous art, Verna discloses the use of a portable device that receives image data and auxiliary data that includes media content (column 9, line 62 – column 10, line 7, and column 11, 18-32; the media content is considered to include the image data and auxiliary data) comprising of at least one in-play camera view (column 12, lines 63-67), venue activity statistics (column 4, lines 53-61), venue activity interactive menu (column 16, lines 34-50, and column 17, lines 34-48; an interactive menu is sent in order for the user to select desired data), audio feeds (column 16, lines 34-50, and column 17, lines 34-48), event scheduling information (column 4, lines 53-61; the data is considered to include team/event or other information, which can include information about upcoming events that are scheduled), and encryption (column 10, lines 52-65). Verna teaches that the transmission of different types of additional information pertaining to the event being captured is preferred, in order to customize the displayed information according the users desired preferences (column 4, lines 53-61). Therefore, it would have been obvious to one of ordinary skill in the art to modify Monroe to include the use of media content comprising of at least one in-play camera view, venue activity statistics, venue activity interactive menu, audio feeds, event scheduling information, and encryption, in order to customize the displayed information according the users desired preferences, as suggested by Verna.

15. In regard to **claim 139**, note Monroe discloses receiving said at least one processed in-play camera view on said at least one display associated with said at the at least one hand held device, processing said at least one in-play camera view for viewing on said at least one display, and displaying said at least one processed in-play

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camera view on the at least one display (column 17, lines 1-11, and column 23, lines 23-67).

16. In regard to **claim 140**, note Verna discloses recording a particular in-play camera view of the at least one in-play camera view received by said at least one hand held device in response to a user input at said at least one hand held device (column 15, lines 24-65, and column 19, lines 7-31; the user selects which camera views are to be transmitted to the handheld device, and when they are received, they are sent to storage unit 212).

17. In regard to **claim 141**, note Verna discloses storing a particular in-play camera view of the at least one in-play camera view received by said at least one hand held device in response to a user input at said at least one hand held device (column 15, lines 24-65, and column 19, lines 7-31; the user selects which camera views are to be transmitted to the handheld device, and when they are received, they are sent to storage unit 212).

18. In regard to **claim 142**, note Verna discloses storing said particular in-play camera view within a memory in said at least one hand held device (column 15, lines 24-65, and column 19, lines 7-31; the user selects which camera views are to be transmitted to the handheld device, and when they are received, they are sent to storage unit 212).

19. In regard to **claim 143**, note the primary reference of Monroe in view of Verna discloses the use of a transmission method, as discussed with respect to claim 138 above. Therefore, it can be seen that the primary reference fails to explicitly disclose

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that said in-play camera location comprises a placement within a race car competing within the racing venue. Official Notice is taken that the concepts and advantages of placing a camera within a race car competing within a racing venue are notoriously well known and expected in the art. Therefore, it would have been obvious to one of ordinary skill in the art to place the camera within a race car competing within the racing venue in order to allow the fans to become more involved during the race.

20. In regard to **claim 144**, note Verna discloses that said venue comprises sports stadium (column 4, lines 36-52, and column 5, lines 40-56).

21. In regard to **claim 145**, note Monroe discloses the use of a method for receiving in a venue from at least one of a plurality of a venue-based in-play cameras, at least one of a plurality of venue-based in-play camera views by at least one of a plurality of hand held devices including at least one of a plurality of video- and data-enabled cellular telephones and PDA capabilities, 802.11 wireless capabilities and authorized by at least one security code to receive in-play camera views and adapted to display said at least one in-play camera view (column 15, lines 17-65, column 17, line 1 - column 18, line 11, and column 18, lines 32-62, and figure 9: 20 and 44; plural cameras capture video to be transmitted to displayed on authorized hand held devices 44, which is considered to be a PDA having video- and data-enabled cellular telephone and 802.11 wireless capabilities), said method comprising the steps of receiving at least one in-play camera view provided from the at least one in-play camera, through communication with a transmitter over a cellular telecommunications network with said at least one hand held device authorized by at least one security code to receive said at least one of in-

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play camera view (column 18, lines 1-11, and column 18, lines 50-62), processing said at least one in-play camera view for viewing on at least one of a plurality of displays associated with said at least one hand held device (column 17, lines 1-5, and column 23, lines 24-52) displaying at least one of a plurality of processed in-play camera views of said at least one in-play camera view on at least one display associated with said at least one hand held device, thereby enabling said at least one hand held device users to view said at least one in-play camera view through said at least one hand held device authorized by at least one security code to receive said at least one in-play camera view (column 17, lines 1-5, column 23, lines 24-52, column 18, lines 1-11, and column 18, lines 50-62; the data content is received and processed for display by authorized handheld devices), said transmitter uploading media content to said cellular communications network to distribute to the at least one handheld device, wherein said at least one handheld device comprises said at least one cellular telephone with onboard hardware explicitly responsible to parse and manipulate said media content for displaying on said at least one display (column 18, lines 32-62, and column 23, lines 23-67). Therefore, it can be seen that Monroe fails to explicitly disclose that the content is a media content comprising of at least one in-play camera view, venue activity statistics, venue activity interactive menu, audio feeds, event scheduling information, and encryption.

In analogous art, Verna discloses the use of a portable device that receives image data and auxiliary data that includes media content (column 9, line 62 – column 10, line 7, and column 11, 18-32; the media content is considered to include the image

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data and auxiliary data) comprising of at least one in-play camera view (column 12, lines 63-67), venue activity statistics (column 4, lines 53-61), venue activity interactive menu (column 16, lines 34-50, and column 17, lines 34-48; an interactive menu is sent in order for the user to select desired data), audio feeds (column 16, lines 34-50, and column 17, lines 34-48), event scheduling information (column 4, lines 53-61; the data is considered to include team/event or other information, which can include information about upcoming events that are scheduled), and encryption (column 10, lines 52-65). Verna teaches that the transmission of different types of additional information pertaining to the event being captured is preferred, in order to customize the displayed information according the users desired preferences (column 4, lines 53-61). Therefore, it would have been obvious to one of ordinary skill in the art to modify Monroe to include the use of media content comprising of at least one in-play camera view, venue activity statistics, venue activity interactive menu, audio feeds, event scheduling information, and encryption, in order to customize the displayed information according the users desired preferences, as suggested by Verna.

22. In regard to **claim 146**, note Verna discloses recording a particular in-play camera view of said at least one in-play camera view received by said at least one hand held device in response to a user input at said at least one hand held device (column 15, lines 24-65, and column 19, lines 7-31; the user selects which camera views are to be transmitted to the handheld device, and when they are received, they are sent to storage unit 212).

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23. In regard to **claim 147**, note Verna discloses storing a particular in-play camera view of said at least one in-play camera view received by said at least one hand held device in response to a user input at said at least one hand held device (column 15, lines 24-65, and column 19, lines 7-31; the user selects which camera views are to be transmitted to the handheld device, and when they are received, they are sent to storage unit 212).

24. In regard to **claim 148**, note Verna discloses storing said particular in-play camera view within storage media in said at least one hand held device (column 15, lines 24-65, and column 19, lines 7-31; the user selects which camera views are to be transmitted to the handheld device, and when they are received, they are sent to storage unit 212).

25. In regard to **claim 149**, note the primary reference of Monroe in view of Verna discloses the use of a transmission method, as discussed with respect to claim 145 above. Therefore, it can be seen that the primary reference fails to explicitly disclose that said in-play camera location comprises a placement within a race car competing within the racing venue. Official Notice is taken that the concepts and advantages of placing a camera within a race car competing within a racing venue are notoriously well known and expected in the art. Therefore, it would have been obvious to one of ordinary skill in the art to place the camera within a race car competing within the racing venue in order to allow the fans to become more involved during the race.

26. In regard to **claim 150**, note Verna discloses that said venue comprises sports stadium (column 4, lines 36-52, and column 5, lines 40-56).

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27. In regard to **claim 151**, note Monroe discloses the use of a system for securely transmitting in a live venue over a cellular telecommunications network from at least one of a plurality of venue-based in-play cameras, at least one of a plurality of venue-based in-play camera views to at least one of a plurality of wireless hand held devices (column 15, lines 17-65, and figure 9: 20 and 44; plural cameras capture video to be transmitted to displayed on hand held devices 44), wherein said at least one handheld device incorporates at least one of a plurality of displays, and further said at least one handheld includes at least one of a plurality of video- and data-enabled cellular telephones and PDA capabilities, 802.11 wireless capabilities and authorized to receive and process said at least one in-play camera view (column 17, line 1 - column 18, line 11, and column 18, lines 32-62; each of the authorized handheld devices is considered to include a PDA having video- and data-enabled cellular telephone and 802.11 wireless capabilities), said system further comprising transmitter adapted to securely transmit at least one in-play camera view from at least one of a plurality of in-play camera locations within the live venue to at least one wireless hand held device authorized to receive and process said at least one in-play camera view (column 18, lines 1-11, and column 19, lines 34-67), processor for processing said at least one in-play camera view for secure transmission by said transmitter to said at least one wireless hand held device (column 19, lines 34-67), said transmitter responsible to upload media content to said cellular communications network to distribute to the at least one handheld device, wherein said at least one handheld device comprises said at least one cellular telephone with onboard hardware explicitly responsible to parse and manipulate said media content for

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displaying on the at least one display (column 18, lines 32-62, and column 23, lines 23-67). Therefore, it can be seen that Monroe fails to explicitly disclose that the content is a media content comprising of at least one in-play camera view, venue activity statistics, venue activity interactive menu, audio feeds, event scheduling information, and encryption.

In analogous art, Verna discloses the use of a portable device that receives image data and auxiliary data that includes media content (column 9, line 62 – column 10, line 7, and column 11, 18-32; the media content is considered to include the image data and auxiliary data) comprising of at least one in-play camera view (column 12, lines 63-67), venue activity statistics (column 4, lines 53-61), venue activity interactive menu (column 16, lines 34-50, and column 17, lines 34-48; an interactive menu is sent in order for the user to select desired data), audio feeds (column 16, lines 34-50, and column 17, lines 34-48), event scheduling information (column 4, lines 53-61; the data is considered to include team/event or other information, which can include information about upcoming events that are scheduled), and encryption (column 10, lines 52-65). Verna teaches that the transmission of different types of additional information pertaining to the event being captured is preferred, in order to customize the displayed information according the users desired preferences (column 4, lines 53-61). Therefore, it would have been obvious to one of ordinary skill in the art to modify Monroe to include the use of media content comprising of at least one in-play camera view, venue activity statistics, venue activity interactive menu, audio feeds, event scheduling information,

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and encryption, in order to customize the displayed information according the users desired preferences, as suggested by Verna.

28. In regard to **claim 152**, note Monroe discloses that said at least one wireless hand held device located within said venue and adapted to securely receive said at least one in-play camera view transmitted by said transmitter and to process said at least one in-play camera view for display on said at least one display associated with said at least one wireless hand held device (column 17, lines 1-11, and column 23, lines 23-67).

29. In regard to **claim 153**, note Verna discloses that said at least one wireless hand held device further comprising a recorder for recording a particular in-play camera view of said at least one in-play camera view transmitted by said transmitter and received by said at least one wireless hand held device in response to a user input at said at least one wireless hand held device (column 15, lines 24-65, and column 19, lines 7-31; the user selects which camera views are to be transmitted to the handheld device, and when they are received, they are sent to storage unit 212).

30. In regard to **claim 154**, note Verna discloses that said at least one wireless hand held device further comprising storage media for storing a particular in-play camera view of said at least one in-play camera view transmitted by said transmitter and received by said at least one wireless hand held device in response to a user input at said at least one wireless hand held device (column 15, lines 24-65, and column 19, lines 7-31; the user selects which camera views are to be transmitted to the handheld device, and when they are received, they are sent to storage unit 212).

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31. In regard to **claim 155**, note Verna discloses that said storage media further comprises a memory location (column 15, lines 24-65, and column 19, lines 7-31; the user selects which camera views are to be transmitted to the handheld device, and when they are received, they are sent to storage unit 212).

32. In regard to **claim 156**, note the primary reference of Monroe in view of Verna discloses the use of a transmission method, as discussed with respect to claim 151 above. Therefore, it can be seen that the primary reference fails to explicitly disclose that said in-play camera location comprises a placement within a race car competing within the racing venue. Official Notice is taken that the concepts and advantages of placing a camera within a race car competing within a racing venue are notoriously well known and expected in the art. Therefore, it would have been obvious to one of ordinary skill in the art to place the camera within a race car competing within the racing venue in order to allow the fans to become more involved during the race.

33. In regard to **claim 157**, note Verna discloses that said venue comprises sports stadium (column 4, lines 36-52, and column 5, lines 40-56).

34. In regard to **claim 175**, note Monroe discloses the use of a live video entertainment system for a live venue with at least one of a plurality of venue-based in-play cameras, for securely transmitting at least one of a plurality of venue-based in-play camera views to at least one of a plurality of hand held devices including at least one of a plurality of video- and data-enabled cellular telephones and PDA capabilities, IEEE 802.11 wireless capabilities and authorized by a security code to receive and process said at least one of in-play camera view for display on the at least one hand held device

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(column 15, lines 17-65, column 17, line 1 - column 18, line 11, and column 18, lines 32-62, and figure 9: 20 and 44; plural cameras capture video to be transmitted to displayed on authorized hand held devices 44, which is considered to be a PDA having video- and data-enabled cellular telephone and 802.11 wireless capabilities), said system comprising said at least one in-play camera for capturing said at least one in-play camera view from said at least one in-play camera (column 15, lines 17-65, and figure 9: 20 and 44; plural cameras capture video to be transmitted to displayed on hand held devices 44), a processing means for processing said at least one in-play camera view for secure transmission to said at least one wireless hand held device for display on at least one of a plurality of displays located on said at least one hand held device (column 19, lines 34-67), a transmitter/receiver to securely receive said at least one in-play camera view via IEEE 802.11 wireless frequencies and securely transmit said at least one in-play camera view over a cellular telecommunications network to said at least one wireless hand held device comprising said at least one cellular telephone (column 17, lines 48-67, column 19, 27-33, and column 20, lines 3-37, and figure 9: 460 and 464; the transmitter/receiver 464 transmits and receives data over either cellular or 802.11 frequencies, depending on the range required for transmission), said at least one wireless hand held authorized by at least one security code to receive and display said at least one in-play camera view on said at least one display (column 18, lines 1-11, and column 23, lines 27-52), said transmitter/receiver is responsible to upload said media content to said cellular telecommunications network to distribute to the at least one handheld device, wherein

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said at least one handheld device comprises said at least one cellular telephone with onboard hardware explicitly responsible to parse and manipulate said media content for displaying on the at least one display at said venue (column 18, lines 32-62, and column 23, lines 23-67). Therefore, it can be seen that Monroe fails to explicitly disclose that the content is a media content comprising of at least one in-play camera view, venue activity statistics, venue activity interactive menu, audio feeds, event scheduling information, and encryption.

35. In analogous art, Verna discloses the use of a portable device that receives image data and auxiliary data that includes media content (column 9, line 62 – column 10, line 7, and column 11, 18-32; the media content is considered to include the image data and auxiliary data) comprising of at least one in-play camera view (column 12, lines 63-67), venue activity statistics (column 4, lines 53-61), venue activity interactive menu (column 16, lines 34-50, and column 17, lines 34-48; an interactive menu is sent in order for the user to select desired data), audio feeds (column 16, lines 34-50, and column 17, lines 34-48), event scheduling information (column 4, lines 53-61; the data is considered to include team/event or other information, which can include information about upcoming events that are scheduled), and encryption (column 10, lines 52-65). Verna teaches that the transmission of different types of additional information pertaining to the event being captured is preferred, in order to customize the displayed information according the users desired preferences (column 4, lines 53-61). Therefore, it would have been obvious to one of ordinary skill in the art to modify Monroe to include the use of media content comprising of at least one in-play camera view, venue activity

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statistics, venue activity interactive menu, audio feeds, event scheduling information, and encryption, in order to customize the displayed information according the users desired preferences, as suggested by Verna.

36. In regard to **claim 158**, note Verna discloses that said at least one hand held device further comprising a recorder for recording a particular in-play camera view of the at least one in-play camera view transmitted from said at least one in-play camera, in response to a user input (column 15, lines 24-65, and column 19, lines 7-31; the user selects which camera views are to be transmitted to the handheld device, and when they are received, they are sent to storage unit 212).

37. In regard to **claim 159**, note Verna discloses that said at least one hand held device further comprising a storage mechanism for storing a particular in-play camera view of the at least one in-play camera view transmitted from said at least one in-play camera, in response to a user input (column 15, lines 24-65, and column 19, lines 7-31; the user selects which camera views are to be transmitted to the handheld device, and when they are received, they are sent to storage unit 212).

38. In regard to **claim 160**, note Verna discloses said storage mechanism comprises a memory location (column 15, lines 24-65, and column 19, lines 7-31; the user selects which camera views are to be transmitted to the handheld device, and when they are received, they are sent to storage unit 212).

39. In regard to **claim 161**, note Verna discloses that said storage media further comprises a memory location (column 15, lines 24-65, and column 19, lines 7-31; the

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user selects which camera views are to be transmitted to the handheld device, and when they are received, they are sent to storage).

40. In regard to **claim 162**, note the primary reference of Monroe in view of Verna discloses the use of a transmission method, as discussed with respect to claim 175. Therefore, it can be seen that the primary reference fails to explicitly disclose that said in-play camera location comprises a placement within a race car competing within the racing venue. Official Notice is taken that the concepts and advantages of placing a camera within a race car competing within a racing venue are notoriously well known and expected in the art. Therefore, it would have been obvious to one of ordinary skill in the art to place the camera within a race car competing within the racing venue in order to allow the fans to become more involved during the race.

41. In regard to **claim 163**, note Verna discloses that said venue comprises sports stadium (column 4, lines 36-52, and column 5, lines 40-56).

42. In regard to **claim 164**, note Monroe discloses the use of a system for securely transmitting in an venue, over a cellular telecommunications network, from at least one of a plurality of venue-based in-play cameras (column 15, lines 17-65, and figure 9: 20 and 44; plural cameras capture video to be transmitted to displayed on hand held devices 44), at least one of a plurality of venue-based in-play camera views for display on at least one of a plurality of displays on said at least one of a plurality of wireless hand held devices including at least one of a plurality of video- and data-enabled cellular telephones and PDA capabilities, 802.11 wireless capabilities and authorized to receive, process and display the venue-based in-play camera views (column 17, line 1 -

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column 18, line 11, and column 18, lines 32-62; each of the authorized handheld devices is considered to include a PDA having video- and data-enabled cellular telephone and 802.11 wireless capabilities), said system comprising enterprise equipment including a processor and transmitter/receiver comprising of cellular and 802.11 radio frequency transmission capabilities, said enterprise equipment to securely transmit said at least one in-play camera view captured by said at least one in-play camera located at the venue to said at least one wireless hand held device authorized to receive, process and display said at least one in-play camera view (column 17, lines 48-67, column 19, 27-33, and column 20, lines 3-37, and figure 9: 460 and 464; the transmitter/receiver 464 transmits and receives data over either cellular or 802.11 frequencies, depending on the range required for transmission), said transmitter/receiver responsible to upload media content to said cellular telecommunications network to distribute to the at least one handheld device, wherein said at least one handheld device comprises said at least one cellular telephone with onboard hardware explicitly responsible to parse and manipulate said media content for displaying on the at least one display (column 18, lines 32-62, and column 23, lines 23-67). Therefore, it can be seen that Monroe fails to explicitly disclose that the content is a media content comprising of at least one in-play camera view, venue activity statistics, venue activity interactive menu, audio feeds, event scheduling information, and encryption.

In analogous art, Verna discloses the use of a portable device that receives image data and auxiliary data that includes media content (column 9, line 62 – column

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10, line 7, and column 11, 18-32; the media content is considered to include the image data and auxiliary data) comprising of at least one in-play camera view (column 12, lines 63-67), venue activity statistics (column 4, lines 53-61), venue activity interactive menu (column 16, lines 34-50, and column 17, lines 34-48; an interactive menu is sent in order for the user to select desired data), audio feeds (column 16, lines 34-50, and column 17, lines 34-48), event scheduling information (column 4, lines 53-61; the data is considered to include team/event or other information, which can include information about upcoming events that are scheduled), and encryption (column 10, lines 52-65). Verna teaches that the transmission of different types of additional information pertaining to the event being captured is preferred, in order to customize the displayed information according the users desired preferences (column 4, lines 53-61). Therefore, it would have been obvious to one of ordinary skill in the art to modify Monroe to include the use of media content comprising of at least one in-play camera view, venue activity statistics, venue activity interactive menu, audio feeds, event scheduling information, and encryption, in order to customize the displayed information according the users desired preferences, as suggested by Verna.

43. In regard to **claim 165**, note Monroe discloses said at least one hand held device including said display for displaying at least one of a plurality of processed in-play camera views of said at least one in-play camera view (column 23, lines 27-52), an 802.11 radio frequency receiver for securely receiving said at least one processed in-play camera view (column 18, lines 50-62), a cellular data communications link for accessing remote venue data from remote servers (column 18, lines 50-62), a

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processor for processing said at least one in-play camera view and remote venue entertainment data for display on said display included with said at least one hand held device (column 17, lines 1-11, and column 23, lines 23-67).

44. In regard to **claim 166**, note Verna discloses that said at least one wireless hand held device further comprising a storage mechanism for storing a particular in-play camera view of said at least one in-play camera view transmitted from said at least one in-play camera in response to a user input (column 15, lines 24-65, and column 19, lines 7-31; the user selects which camera views are to be transmitted to the handheld device, and when they are received, they are sent to storage unit 212).

45. In regard to **claim 167**, note Verna discloses that said storage mechanism further comprises a memory location (column 15, lines 24-65, and column 19, lines 7-31; the user selects which camera views are to be transmitted to the handheld device, and when they are received, they are sent to storage unit 212).

46. In regard to **claim 168**, note Verna discloses that said memory location comprises removable storage media (column 15, lines 24-65, and column 19, lines 7-31; the user selects which camera views are to be transmitted to the handheld device, and when they are received, they are sent to storage unit 212).

47. In regard to **claim 169**, note Verna discloses that said venue comprises sports stadium (column 4, lines 36-52, and column 5, lines 40-56).

48. In regard to **claim 170**, note Monroe discloses the use of a system for receiving, from within a venue, from at least one of a plurality of venue-based in-play cameras, at least one of a plurality of venue-based in-play camera views for display on at least one

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of a plurality of displays located on at least one of a plurality of wireless hand held devices including at least one of a plurality of video- and data-enabled cellular telephones and PDA capabilities, 802.11 wireless capabilities and authorized to receive, process and display the at least one in-play camera view (column 15, lines 17-65, column 17, line 1 - column 18, line 11, and column 18, lines 32-62, and figure 9: 20 and 44; plural cameras capture video to be transmitted to displayed on authorized hand held devices 44, which is considered to be a PDA having video- and data-enabled cellular telephone and 802.11 wireless capabilities), said system comprising said at least one wireless hand held device including said at least one cellular telephone authorized to receive, process and display the-at least one in-play camera view (column 15, lines 17-65, column 17, line 1 - column 18, line 11, and column 18, lines 32-62, and figure 9: 20 and 44; plural cameras capture video to be transmitted to displayed on authorized hand held devices 44, which is considered to be a PDA having video- and data-enabled cellular telephone and 802.11 wireless capabilities), said receiver adapted for securely receiving said at least one in-play camera view provided through a server and transmitter/receiver, wherein said transmitter/receiver having cellular and 802.11 radio frequency capabilities, from at least one in-play camera located at said venue (column 17, lines 1-10, column 17, lines 48-67, column 19, 27-33, column 20, lines 3-37, and figure 9: 460 and 464; the transmitter/receiver 464 transmits and receives data over either cellular or 802.11 frequencies, depending on the range required for transmission), a processor in said at least one wireless hand held device authorized to receive, process and display the at least one in-play camera view, said processor adapted for

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processing said at least one in-play camera view securely received by said receiver with an authorization code for secure viewing of said at least one in-play camera view on said at least one display associated with said at least one hand held device (column 17, lines 1-11, column 18, lines 1-11, and column 23, lines 23-67), said transmitter/receiver transmitting said at least one in-play camera view from at least one of a plurality of in-play camera locations associated with each at least one in-play camera within said venue over a cellular telecommunications network for viewing by said at least one handheld device (column 18, lines 32-62, and column 23, lines 23-67), said transmitter/receiver is responsible to upload said media content to said cellular telecommunications network to distribute to the at least one handheld device, wherein said at least one handheld device comprises said at least one cellular telephone with onboard hardware explicitly responsible to parse and manipulate said media content for display on the at least one display (column 18, lines 32-62, and column 23, lines 23-67). Therefore, it can be seen that Monroe fails to explicitly disclose that the content is a media content comprising of at least one in-play camera view, venue activity statistics, venue activity interactive menu, audio feeds, event scheduling information, and encryption.

In analogous art, Verna discloses the use of a portable device that receives image data and auxiliary data that includes media content (column 9, line 62 – column 10, line 7, and column 11, 18-32; the media content is considered to include the image data and auxiliary data) comprising of at least one in-play camera view (column 12, lines 63-67), venue activity statistics (column 4, lines 53-61), venue activity interactive

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menu (column 16, lines 34-50, and column 17, lines 34-48; an interactive menu is sent in order for the user to select desired data), audio feeds (column 16, lines 34-50, and column 17, lines 34-48), event scheduling information (column 4, lines 53-61; the data is considered to include team/event or other information, which can include information about upcoming events that are scheduled), and encryption (column 10, lines 52-65). Verna teaches that the transmission of different types of additional information pertaining to the event being captured is preferred, in order to customize the displayed information according the users desired preferences (column 4, lines 53-61). Therefore, it would have been obvious to one of ordinary skill in the art to modify Monroe to include the use of media content comprising of at least one in-play camera view, venue activity statistics, venue activity interactive menu, audio feeds, event scheduling information, and encryption, in order to customize the displayed information according the users desired preferences, as suggested by Verna.

49. In regard to **claim 171**, note Verna discloses the use of a recorder adapted to record a particular in-play camera view of said at least one in-play camera view received by said at least one wireless hand held device in response to a user input (column 15, lines 24-65, and column 19, lines 7-31; the user selects which camera views are to be transmitted to the handheld device, and when they are received, they are sent to storage unit 212).

50. In regard to **claim 172**, note Verna discloses the use of a storage mechanism adapted to store a particular in-play camera view of said at least one in-play camera view received by said at least one wireless hand held device in response to a user input

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(column 15, lines 24-65, and column 19, lines 7-31; the user selects which camera views are to be transmitted to the handheld device, and when they are received, they are sent to storage unit 212).

51. In regard to **claim 173**, note Verna discloses that said storage mechanism comprises a memory location (column 15, lines 24-65, and column 19, lines 7-31; the user selects which camera views are to be transmitted to the handheld device, and when they are received, they are sent to storage unit 212).

52. In regard to **claim 174**, note Verna discloses memory location comprises storage media (column 15, lines 24-65, and column 19, lines 7-31; the user selects which camera views are to be transmitted to the handheld device, and when they are received, they are sent to storage unit).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to CHRISS S. YODER III whose telephone number is (571)272-7323. The examiner can normally be reached on M-F: 8 - 4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lin Ye can be reached on (571) 272-7372. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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